



# PCs Designed to Help You Get Back to Business

Desktop PCs for Small Business  
Powered by Intel® Technology

# Build Your Business with Desktop PCs Featuring Intel® Technology.

One of the challenges for small businesses is the constant need to do more in less time. Get increased power and responsiveness, new security features, and future-ready capabilities in the family of desktop PCs with Intel® technology, providing your business with a complete solution. Now you can spend less time on issues like PC maintenance, service, training and upgrades, and more time doing what you do best—running your business.

The family of desktop PCs with Intel technology gives your business the power to do more.

**Enhanced security and reliability:** To help your business increase uptime and reduce work disruptions, hardware-enhanced security features like continuous data protection<sup>1</sup> are built into desktop PCs with Intel technology. Businesses that need additional security features can select systems that offer advanced protection against data loss, hackers and certain viruses.

**Increased productivity:** Desktop PCs with Intel dual-core processors deliver exceptional performance and responsiveness, so your employees can be more efficient and productive while using PCs that are more energy efficient. Select the system that best addresses your specific business needs—from performing routine office tasks to supporting multiple users and the most demanding business applications.

**Investment protection:** Every desktop PC with Intel technology is a sound investment that combines future-ready capabilities with state-of-the-art performance you need to meet existing business demands. Desktop PCs with Intel technology support 64-bit<sup>2</sup> applications, and most are Windows Vista\* Premium Ready.

**Industry leadership:** The family of desktop PCs with Intel technology is designed to deliver the reliable performance you expect from the company that has been leading PC advancement for more than 35 years. Desktop PCs with Intel technology are supported by leading software vendors and are readily available from major manufacturers.



# Intel® Dual-Core Processors

## The new standard in business PCs.

Intel dual-core processors deliver revolutionary computing power to small businesses. Employees using desktop PCs powered by Intel dual-core processors can remain productive, even as built-in security applications run in the background. By increasing workflow and reducing downtime, Intel dual-core processors can help small businesses maximize the return on investment from PC purchases. Experience Intel dual-core processors—the new standard in business PCs.



### Intel® Core™2 Duo Processors

PCs with Intel® vPro™ technology<sup>3</sup> feature the Intel® Core™2 Duo processor, Intel's next-generation dual-core processor for business desktops. The industry-

leading Intel Core 2 Duo processor is 40 percent faster and up to 40 percent more energy-efficient than previous-generation processors.<sup>4</sup>

Based on 64-bit Intel® Core™ microarchitecture, the Intel Core 2 Duo processor allows businesses to run advanced security and manageability features in the background without disrupting employees' work. The systems are also quieter and more energy-efficient, even as they support multiple graphics and data-intensive applications, including video conferencing, imaging, IP-based business applications and more.

### Intel® Pentium® D Processors

Small businesses can depend on the strong performance of desktop PCs with dual-core Intel® Pentium® D processors. With built-in security features like improved virus protection, PCs with Intel Pentium D processors can help reduce PC downtime while supporting multiple business applications.

Dual-core performance enables these PCs to run the latest 64-bit software and—like most dual-core processor-based PCs—they are Windows Vista Premium Ready for future upgrades.





PCs with Intel vPro technology are designed to solve common business problems:

**Technology bottlenecks:** The exceptional dual-core responsiveness of an Intel Core 2 Duo processor can help improve employee productivity and streamline everyday business processes.

**Security breaches:** Unique, proactive security features can stop viruses, worms, intruders and other malicious attacks before they disrupt the workflow of your business.

**Costly downtime:** Cost-effective remote repair capabilities allow in-house staff, an authorized Managed Service Provider (MSP), or another outside vendor to fix problems from a remote location—even when PCs are powered down or operating systems are inoperable.<sup>5</sup>

**High ongoing expenses:** Using PC-based phone calls and services can help reduce long-distance telephone bills while supporting expanded phone capabilities, including 10-way conference calling.<sup>6</sup>

**Expensive upgrades:** Built-in graphics and audio capabilities simplify upgrades to 64-bit applications and the next-generation Windows Vista operating system.



## Desktop PCs with Intel® vPro™ Technology

*A leap forward in business PCs.*

To meet today's business challenges, small businesses need powerful desktop PCs that can help protect data and reduce support costs. PCs should also be able to meet the future demands of new technologies like PC-based phone services and next-generation operating systems. Desktop PCs with Intel vPro technology deliver the widest range of capabilities to meet your small business needs, with performance that can help you boost productivity, reduce support costs and, best of all, get back to running—and growing—your business.

# Focus on your business, not your PCs

## Revolutionary power and features to drive business success.

Desktop PCs with Intel vPro technology combine the latest Intel technologies with the Intel Core 2 Duo processor. The result is desktop PCs that provide revolutionary capabilities not found in previous generations of business PCs or software-only solutions.



### Reduce work disruptions and increase productivity

The unrivaled dual-core performance of the Intel Core 2 Duo processor allows your employees to run multiple demanding applications while virus scans, anti-spyware, updates and backups run smoothly in the background when provisioned with third-party backup and restore software. PCs with Intel vPro technology can also be configured to constantly copy your vital business information to an optional second hard drive that can keep running even if the main hard drive fails. Then, when a replacement hard drive is installed, Intel vPro technology automatically restores data to the new main drive while you continue working from the copy.

### Protect against costly data loss and work disruptions

Built-in, proactive security features enable PCs with Intel vPro technology to quickly identify viruses, worms and other threats. If an attack does occur, remote diagnostics and repair can be used to stop the threat—reducing the need for on-site repair visits and lowering support costs. Better still, to help avoid infection in the first place, your in-house staff or MSP can remotely check and update virus software—even when operating systems aren't working or systems are turned off.

### Reduce phone bills with PC-based phone calls and services

Businesses can save money and enhance communications and collaboration with Voice over IP (VoIP) PC-based phone calls and services. For example, using Skype\* VoIP applications on Intel vPro technology-enabled PCs, you can hold VoIP calls with up to 10 parties and have a crisp, clear calling experience. Along with reducing phone costs, VoIP is easy to use and can save you time with features like “presence awareness,” which tells you—before you call—if your party is available.

### Utilize wide-ranging industry support

A wide array of major PC manufacturers and leading software developers recognize Intel vPro technology as the future of business PCs, and they've specifically designed their products to use Intel vPro technology. You can choose from an extensive selection of PCs and security, manageability, and productivity applications to find the right fit for your small business.

### Protect your PC investment

The new Windows Vista operating system promises improved graphics and support for next-generation 64-bit applications. Desktop PCs built with Intel vPro technology are Windows Vista Premium Ready and will

### Managed Service Providers (MSPs): Lower Costs with Trusted Outside Support

Businesses using PCs with Intel® vPro™ technology can hire MSPs to provide virtual technical support and management—a solution that offers numerous advantages over in-house technical support or an in-house technician.

**Lower costs:** Compared to a salaried employee, MSPs can cost thousands less per year. As your business grows, MSPs can alleviate the need for additional in-house technicians. Instead, you can rely on MSPs to provide state-of-the-art engineering services that address the needs of growing businesses.

**Increased productivity:** Diagnostics, updates and repairs can be performed quickly and during off-hours, minimizing downtime and work disruptions. Remote repair technology can “wake up” a PC, even when it is powered off or has been disabled by malicious attacks.

**Constant support:** MSPs may provide 24 x 7 support and may not be limited by regular work hours.

**Specialized assistance:** MSPs offer multiple technicians—not just one—to provide maintenance, help desk, engineering and networking services.

deliver a superior user experience—without an added graphics card—thanks to Intel vPro technology's built-in audio and graphics capabilities.

### The premier solution for small business

PCs with Intel vPro technology are designed for small businesses that need the highest level of performance and security. In addition, the remote management capabilities of these PCs make them an ideal choice for small businesses that contract with MSPs or other outside vendors.



## Desktop PCs with Intel® Pentium® D Processors

Performance and protection to grow your business.

PCs with Intel Pentium D processors deliver powerful performance, enhanced security features, and dual-core responsiveness.

The Intel Pentium D processor 800 sequence<sup>7</sup> with Intel® 945GZ Express Chipset provides a solid dual-core option that supports common office computing tasks. You can also choose the more advanced Intel Pentium D processor 900 sequence with Intel® 946GZ Express Chipset, which offers a larger memory cache and improved graphics for more demanding computing needs.

Whichever system you select, PCs with Intel Pentium D processors provide a solid business solution.

**Protected:** Run anti-virus and anti-spyware in the background while employees speed through their daily business tasks.

**Efficient:** Designed to provide cost-saving business solutions, these PCs can help you reduce telephone costs and simplify communications using VoIP services.

**Future-ready:** Upgrade with ease, with Windows Vista Premium Ready capability and support for 64-bit business software, as well as new graphics capabilities.



## Desktop PCs with Intel® Pentium® 4 Processors supporting Hyper-Threading Technology<sup>8</sup>

Combining versatility with value.

PCs with Intel® Pentium® 4 processors supporting Hyper-Threading Technology are an ideal entry-level option for businesses that need reliable performance while running common business applications.

For value-oriented small businesses, PCs with Intel Pentium 4 processors and the Intel® 865G chipset are a solid choice.





**Application Support:** Perform a broad range of common business tasks, including e-mail, Internet access, and data processing.

**Security:** Built-in 64-bit application support enables continuous protection of your critical business information.

**Performance:** Hyper-Threading Technology helps improve processor performance and efficiency.

## Choices to help you meet your business challenges

From highest performance and built-in manageability to systems designed for solid value, the family of PCs with Intel® technology is ready to meet the demands of your business.

	 Intel® vPro™ Intel® Core™2 Duo processor E6000 sequence with Intel® Q965 Express Chipset	 Pentium® D inside™ Intel® Pentium® D Technology with 946GZ Express Chipset	 Pentium® D inside™ Intel® Pentium® D processor 800 sequence with Intel® 945GZ Express Chipset	 Pentium® 4 inside™ Intel® Pentium® 4 processor 500 or 600 sequence supporting Hyper-Threading technology and Intel® 865G chipset
<b>Benefits</b>				
Increase performance with fast, powerful processors	●	◐	◐	○
Reduce PC support and maintenance costs	●			
More securely store confidential information	●			
Share large files	●	○	○	
Run multiple programs simultaneously	●	◐	◐	○
Access the Internet and send/receive e-mails <sup>9</sup>	●	◐	◐	○
Increase productivity by running security functions in background	●	◐	◐	○
Utilize advanced drawing and graphics capabilities	●	◐	○	○
Use cost-saving VoIP calling features	●	◐	◐	○
Continuously protect your data	●		●	●
Use video conferencing	●	●	◐	○
Utilize Managed Service Providers	●			
Run the latest 64-bit software	●	●	●	●
Easily upgrade to Windows Vista*	●	●	●	
Expand capabilities over time	●	◐	◐	○

● = Advanced capability   ◐ = Partial capability   ○ = Limited capability   Blank = No specific enhancements

## Choose from a family of desktop PCs built for small business



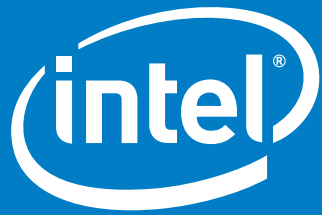
The next time you're in the market for PCs to power your small business, talk to your local Intel® Channel Partner or MSP about the family of desktop PCs with Intel technology.

Desktop PCs with Intel vPro technology provide a premium solution that includes proactive security features, remote system management, and the unrivaled processor performance and groundbreaking energy efficiency of the Intel Core 2 Duo processor.

For powerful dual-core responsiveness, you can also choose PCs with Intel Pentium D processors. Or, for value-oriented small businesses, PCs with Intel Pentium 4 processors offer strong support for common business tasks.

For more information, please visit:

[www.intel.com/smallbusiness](http://www.intel.com/smallbusiness)



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<sup>1</sup> Requires optional reserve hard drive. Please consult with your PC manufacturer or retailer to determine whether your computer includes this feature.

<sup>2</sup> 64-bit computing on Intel® architecture requires a computer system with a processor, chipset, BIOS, operating system, device drivers and applications enabled for Intel® 64 architecture. Processors will not operate (including 32-bit operation) without an Intel® 64 architecture-enabled BIOS. Performance will vary depending on your hardware and software configurations. Consult with your system vendor for more information.

<sup>3</sup> PCs with Intel vPro technology include Intel® Active Management Technology (Intel® AMT) and Intel® Virtualization Technology (Intel® VT). Intel Active Management Technology (Intel AMT) requires the computer to have an Intel AMT-enabled chipset, network hardware and software, connection with a power source, and a network connection. Intel Virtualization Technology requires a computer system with an enabled Intel® processor, BIOS, virtual machine monitor (VMM) and supporting software applications. Functionality, performance or other benefits will vary depending on hardware and software configurations and may require a BIOS update. Virtualization software applications may not be compatible with all operating systems. Please check with your application vendor.

<sup>4</sup> Performance based on SPECint\*\_rate\_base2000 (two copies) and energy efficiency based on Thermal Design Power (TDP), comparing Intel® Core™2 Duo E6700 to Intel® Pentium® D Processor 960. Actual performance may vary. See [www.intel.com/performance](http://www.intel.com/performance) for more information.

<sup>5</sup> Requires third-party manageability software and outside IT provider or help-desk service connected over a network.

<sup>6</sup> Voice over Internet Protocol (VoIP) capability requires a high-speed Internet connection, PC headset or speakers and microphone as well as third-party software. VoIP connectivity is provided by third-party service providers and specific features may require you to purchase additional services. Internet services and/or VoIP services may not be available in all areas and are subject to compliance with all applicable laws and regulations.

<sup>7</sup> Intel processor numbers are not a measure of performance. Processor numbers differentiate features within each processor family, not across different processor families. See [www.intel.com/products/processor\\_number](http://www.intel.com/products/processor_number) for details.

<sup>8</sup> Hyper-Threading Technology requires a computer system with an Intel® Pentium® 4 processor supporting Hyper-Threading Technology and an HT Technology enabled chipset, BIOS and operating system. Performance will vary depending on the specific hardware and software you use. See [www.intel.com/info/hyperthreading](http://www.intel.com/info/hyperthreading) for more information including details on which processors support HT Technology.

<sup>9</sup> Internet and email access require a high-speed or dial-up network interface and connection through an Internet Service Provider.

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